



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 2649

SERIAL NUMBER 10/627,845	FILING DATE 04/30/2004 RULE	CLASS 475	GROUP ART UNIT 3681	ATTORNEY DOCKET NO. DKT01085C (0267.00047)
-----------------------------	---------------------------------------	--------------	------------------------	---


APPLICANTS

Christopher E. Blair, Waterford, MI;
 John M. Kremer, Sterling Heights, MI;
 R. Keith Martin, Imlay City, MI; Melissa Koenig, Howell, MI;
 Brian Stefina, Waterford, MI;

*** CONTINUING DATA *****
 NONE TJB

*** FOREIGN APPLICATIONS *****
 NONE TJB

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 04/12/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance  Examiner's Signature Initials	STATE OR COUNTRY MI	SHEETS DRAWING 3	TOTAL CLAIMS 7	INDEPENDENT CLAIMS 1
--	---	---------------------------	------------------------	----------------------	----------------------------

ADDRESS

BorgWarner, Inc.
 Patent Administrator
 3850 Hamlin Road
 Auburn Hills, MI
 48326-2872

TITLE

Bi-directional four-mode clutch for providing low and reverse gear ratios in a transmission

FILING FEE RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
----------------------------	---	--